

FLIGHT PATTERNS



PUBLICATION OF NATIONAL CAPITAL WING
OFFICE OF INFORMATION DECEMBER 1966

CIVIL AIR PATROL AUXILIARY UNITED STATES AIR FORCE **TOP SPEAKER, USAF ENTERTAINERS FOR DINING IN**

Stirring strains of the Bagpipes, the smooth voices of the Singing Sergeants, strings of the Diplomats of the USAF Band and the measured cadences of the USAF Honor Guard will be heard the evening of February 24 at Andrews Air Force Base Officers Club - all on behalf of the National Capital Wing. Awards will be given to deserving CAP staffers and friends of the organization.

Wing Commander Col. George P. Upright will preside. A host of civilian and military dignitaries will attend. Wives, husbands and adult friends of members are invited to attend.

Attire will be formal. (CAP males will wear uniform with white shirt and black bow tie) AF and other military personnel will wear winter mess dress. Ticket prices will be announced in near future.

WING CADETS EARNED HONORS IN 1966

Cadet Roger Romack's diligence in CAP and hard work in school led to his receipt of a \$500 CAP scholarship for the academic year. He's with the Wheaton-Silver Springs Cadet Squadron commanded by Lt. Col. Charles Suraci. Congratulations!

A total of 18 Certificates of Proficiency and 17 Amelia Earhart Awards were made to Wing personnel during the past year. Col. Suraci notes that if each unit in the organization earns two COP's, the national goal for earning such awards will be met.

TWO HONORARY MEMBERSHIPS IN CAP AWARDED

The Wheaton-Silver Springs Cadet Squadron awarded an honorary membership in CAP to Mr. Louis Meyers, executive secretary of the YMCA in Silver Springs who is also a Major in the U.S. Army Reserve.

Mr. Glenn Lashley, director of the same YMCA's management committee also received honorary membership. Both were cited for their aid and assistance to CAP during the past several years.

AEROSPACE EDUCATION PROGRAM KEEPS BUILDING AND GROWING

Fifty CAP members from the National Capital Wing and other organizations in CAP met at Andrews Air Force Base NCO club Dec. 14th to hear late news and suggestions on improving aerospace education in our wing. Main speaker was Mr. Bill Reynolds, Middle East Region Aerospace Education Training Officer, who replaced Mr. Jack Sorenson of National Headquarters. Other guest lecturers included CAP Lt. Col. William Everett of the Delaware Wing, a squadron commander with an outstanding record for training cadets and senior members; CAP Maj. John Kunsmiller and Lt. Col. Charles Suraci of our wing discussed current education affairs and plans to increase quality and quantity of courses in the wing. Wing Commander Col. George P. Upright greeted the guests at the combined dinner and business meeting. Capt. Carlton Hill, a training officer at Wing Hq., also spoke to the group. Lt. Col. Harry M. Price, USAF; Director of Training, Middle East Region urged that strong efforts to upgrade cadet and senior training continue.

IT'S A BIRD - IT'S A PLANE - IT'S A COLLISION!

The frequency and cost of plane-bird collisions, military and civilian, are increasing. Future annual damage to engines alone may run \$4 to \$5 million annually says a report of the Air Force Office Of Scientific Research.

The sad facts were given recently at the annual meeting of the American Association for the Advancement of Science in Washington. A USAF pilot was killed and others injured in 1966. Army officials say they lost a helicopter and two crewmen from a "birdstrike."

Air Force officials reported the "bird menace is growing" as air-speeds and jet usage increase. A tab of \$10 million a-year for such damage may come as birds strike engines, air intakes, windscreens, canopies, flaps and landing gears.

AF pilots are required to report bird strikes. In 1962, 53 bird incidents were reported. This rose to 70 in 1963 and 145 in 1964. In 1965, all bird strikes were reported, regardless of damage, and the total reached 839! Figures for the past year are being compiled.

The Federal Aviation Agency, though not required to report such collisions, says commercial lines have noted some 300 incidents per year since 1961.

Federal officials who met in California last year heard research reporters say that "no complete solution to the bird-aircraft collision problem" seems possible. A hopeful note comes from the observed "hawk response" - the bird instinct to avoid aircraft.

NEW WING DIRECTOR OF CADET TRAINING

1st Lt. William R. Hurst, a 9½ year veteran of CAP service, and a reporter for the Commerce Clearing House in Washington, has been appointed Director of Cadet Training for the Wing.

A former member of the Morristown and Knoxville Squadrons', Tennessee Wing, he started as a CAP cadet in 1955. Positions he has held include that of Cadet Commander, Commandant of Cadets and Group IX Director of Senior Training.

A GOOD IDEA FOR CADET SQUADRONS

A trip that other squadrons can do quite easily, after advance request, is the one made recently by Montgomery Squadron members to the Smithsonian's old aircraft storage area in Suitland, Md. Capt. Bertrand H. Stephenson, C.O. of the Congressional Group reports it was a most interesting visit (on a Dec. Saturday morn) and would be beneficial to cadets.

FLIGHT PATTERNS is a monthly publication of the National Capital Wing Hq., Washington, D.C. Address all correspondence to: Maj. Hap Harris, Information Officer, Nat'l. Cap. Wg., OMR, Box 441, Bolling AFB, Washington, D.C., 20332.

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CHRISTMAS TREES BRING CASH FOR PLANES, EQUIPMENT

Montgomery Senior Sq. enlarged its treasury with the long green-of Christmas trees, that is. Volunteers manned their tree sale stand from 10 a.m. to 10 p.m. seven days a week before Christmas at the Wildwood Shopping center. One of the squadron members quipped, "Shows what you can do by needling people."

20 YEAR ANNIVERSARY FOR WING OFFICER

Congratulations to Lt. Col. William H. Rhodes who is celebrating his 20th year of voluntary service to his country with CAP. The affable senior officer now serves the wing as its Director of Operations and Director of the Cadet Guard.

TOP AWARD EARNED

Robert A. Johns of the Virginia Group has been awarded CAP's Meritorious Service Award. Due to a gremlin, papers announcing this event went to the Virginia Wing instead of the Virginia Group. The delay in receipt hasn't phased Capper Johns, he's working hard as ever across the Potomac.

PORKER MAKES PALS

Olney, Md. was the scene of a pig roast for hungry members of the Montgomery Senior Sq. The top-notch flyers in this unit were the guests of Lt. Col. John St. Clair, Middle East Region Operations Officer. A wild porker from the Georgia swamps, he was classified as "Tongue tantalizing" by lucky guests. Setting for the roast was Col. St. Clair's farm, with its very old, charming house that has seen much Maryland history.

COMMUNICATIONS MEN STRENGTHEN THEIR SIGNALS

Wing Communications Officer Capt. Norm Chipps, aided by WO Joe Moltz have erected a new antenna for the base communications trailer at Montgomery County Airport. It was ticklish business, reference all the regulations on antenna height, etc. However the two intrepid broadcasters have now greatly enhanced the "reach" of the station.

BRITISH ACCENT AFFECTED BY OFFICER

Despite the name Hiram Lopez, our Ass't. Wing Communications Officer insists on talking with his newly acquired British accent. Seems the new style pronunciation came from his recent TDY in Britain for NASA. While there Lt. Lopez flew in British light aircraft and now has some wild tales about the RAF and civvy flying.

ARMY FLIGHT TRAINING GETS TEMPORARY INCREASE

A temporary increase in the number of Army pilots to be trained has been approved by Secretary of Defense. All primary helicopter training, now conducted at Ft. Wolters, Tex., will be expanded to handle the training load, increased from 410 to 610 pilots monthly.

Advanced flight training and transition training are carried out at the Army Aviation Center, Ft. Rucker, Ala. It's operating at full capacity.

MUSEUM OF FLIGHT MEDICINE ESTABLISHED

Aerospace Medical Division Hq., Brooks AFB, Tex. is home for the new repository of flight history and artifacts. Air Force has begun intensive search for old medical equipment, records for historic documentation, and other items on development of aerospace medicine.

AIR FORCE PLANS PURCHASE OF 176 O-2 'SUPER SKYMASTER' AIRCRAFT

The Air Force is purchasing 176 Cessna O-2's modified to military specifications for use primarily in forward air controller, liaison and observation functions.

A \$4.5 million letter contract was awarded to Cessna Aircraft Co. as part of an estimated \$11.7 million contract to procure the O-2 as a one-for-one replacement for the O-1 "Bird Dog" now used by FACs in Vietnam. NatCap Wing IO Hap Harris will write an article on the twin-engined plane for AIRMAN magazine in near future.

MEMO FOR PILOTS AND OBSERVERS

Message received recently from CAP Nat'l Hq. reads: " Your attention is directed to Par. 1 of CAPR 76-3 dated 18 June '65 Airlift of Personnel who are not members of CAP and Chap. 9, Par. 4 & 5 of CAPM 190-1 dated Jul. '66, Information Officers handbook.

"In the best interest of CAP, it is mandatory mentioned directives be complied with. Request you brief all mission pilots on the importance of these directives to insure that only properly authorized personnel are carried in CAP Corporation aircraft or in CAP member owned aircraft while on an Air Force Authorized mission.

NEW FAA HANDBOOK

New handbook titled "U.S. Standard for Terminal Instrument Procedures," has been published. It's for use in establishing or revising instrument flight procedures used by pilots landing at military or civilian airports.

COL. FERGUSON APPOINTED WING EXECUTIVE OFFICER

Lt.Col. Ruth Ferguson, long experienced CAP officer has moved to the executive post from previous job as Director of Administration. The hard-working lady will also serve this summer as commander of the cadet encampment. Lt. Col. Costello Robinson will be deputy CO.